

7/20/54

Joshi:

All of these cultures are descendants  
of 4 of Drs. Lindgren's cultures, 11911,  
11914, 2154, 8456 and the cytochrome-(glycine)  
deficient mutant of 8456, 8456-W-1.  
Except for these four cultures, for which the  
given Drs. Lindgren's determination of the  
genotype, the genotype of the various segregants  
is given only when the culture has been  
tested for those characters.

The pedigree were copied from  
very rough notes - so they're not quite too -  
the designations for cytochrome may be  
confusing - 'c' is the glycineless mutant,  
with a faint c band if any, and C the  
normal. Cultures 25.1, 108.3 10 and  
108.3 P-2 are cytoplasmic petites, genetically all C.  
108.3 N is normal with respect to cytochrome.  
108.3 Pink A - is an adenine-deficient pink  
mutant of 108.3. 54.2 LA is a normal  
backmutant of the originally mutant  
segregant 54.2 (c), and apparently the  
same allele as in the normal parent  
and the rest of these pedigrees. Cultures  
are normal for cytochrome unless  
otherwise indicated.

Ch